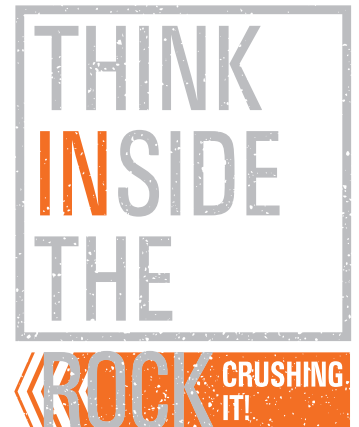




DESCRIPTION:

Modulab's MDF range of self-contained down-flow dust benches are specially designed for the use in laboratories. The MDF comes with built-in extraction and filtration. Dust is extracted via the grated work surface through a pleated cartridge filter and vented to atmosphere via a powerful extraction fan.

The in-built auto reverse pulse keeps the pleated cartridge clean and ready to use at all times. The built-in pressure indicator lets the operator know when the cartridge is overloaded. The built-in extraction fan comes standard with a variable speed thyristor which allows for the extraction rate to be ramped up and toned down at will.

Filtration efficiency rating of the cartridge filters is MERV 14 / ASHRAE 52.2-2007. There are three available sizes available depending on the size of work surface required. The MDF is a must have for all sample prep laboratories.

Models	MDF 1250	MDF 1550	MDF 1850
M.O.C – Main Body:	Powder Coated 3CR12	Powder Coated 3CR12	Powder Coated 3CR12
M.O.C – Work Surface:	SS304	SS304	SS04
Outer Width:	1250 mm (125 cm)	1550 mm (155 cm)	1850 mm (185 cm)
Outer Depth:	750 mm (75 cm)	750 mm (75 cm)	750 mm (75 cm)
Bench Height:	900 mm (90 cm)	900 mm (90 cm)	900 mm (90 cm)
Full Height (Including Canopy):	1500 mm (150 cm)	1500 mm (150 cm)	1500 mm (150 cm)
Workspace Width:	1000 mm (100 cm)	1250 mm (125 cm)	1100 mm (110 cm)
Workspace Depth:	220 mm (22 cm)	220 mm (22 cm)	220 mm (22 cm)
Light:	570 mm (57 cm)	570mm (57cm)	570mm (57cm)
Face Velocity:	0.5 m/s	0.5 m/s	0.5 m/s
Voltage:	240 VAC - Single Phase	240 VAC – Single Phase	240 VAC – Single Phase
Weight:	150 kg	200 kg	250 kg
Outlet Ducting Size:	1 off Ø200 mm (Ø20 cm)	1 off Ø250 mm (Ø25 cm)	2 off Ø200 mm (Ø20 cm)
Filters:	2 x Pleated Cartridge	2 x Pleated Cartridge	2 x Pleated Cartridge
Filtration Efficiency:	MERV 14 / ASHRAE 52.2-2007	MERV 14 / ASHRAE 52.2-2007	MERV 14 / ASHRAE 52.2-2007
Compressed Air Required:	6 Bar	6 Bar	6 Bar

